

FIG. 1







```

graph TD
    350((350)) --> 352([START - INITIATE DISPLAY ADAPTER  
OPERATION AND REQUEST IDENTIFICATION  
INFORMATION FROM ANY DISPLAY DEVICE  
COUPLED TO THE DISPLAY ADAPTER])
    352 --> 354[MONITOR FOR RESPONSE FROM  
DISPLAY DEVICE]
    354 --> 356{HAS A  
RESPONSE BEEN DETECTED  
WITHIN PRESELECTED TIME  
PERIOD?}
    356 -- Y --> 358[EXAMINE  
IDENTIFICATION  
INFORMATION]
    356 -- N --> 362[RESTRICT VIDEO  
ADAPTER OUTPUT TO  
VIDEO INFORMATION  
NOT SUBJECT TO  
ENCRYPTION  
RESTRICTION]
    358 --> 360{IS THE  
DISPLAY A LINE  
SWAPPING CAPABLE  
DISPLAY?}
    360 -- Y --> 366[EXCHANGE SESSION  
KEY AND  
SYNCHRONIZATION  
INFORMATION WITH  
DISPLAY DEVICE ON  
PERIODIC BASIS]
    360 -- N --> 364[OUTPUT R, G, B VIDEO  
SIGNALS IN FIRST,  
SECOND AND THIRD  
LINES RESPECTIVELY]
    366 --> 368[OUTPUT VIDEO  
SIGNALS ON FIRST,  
SECOND AND THIRD  
LINES AS A FUNCTION  
OF PSEUDO RANDOM  
NUMBER GENERATOR  
OUTPUT]
    364 --> 368
    368 --> 370([STOP])

```

FIG. 4

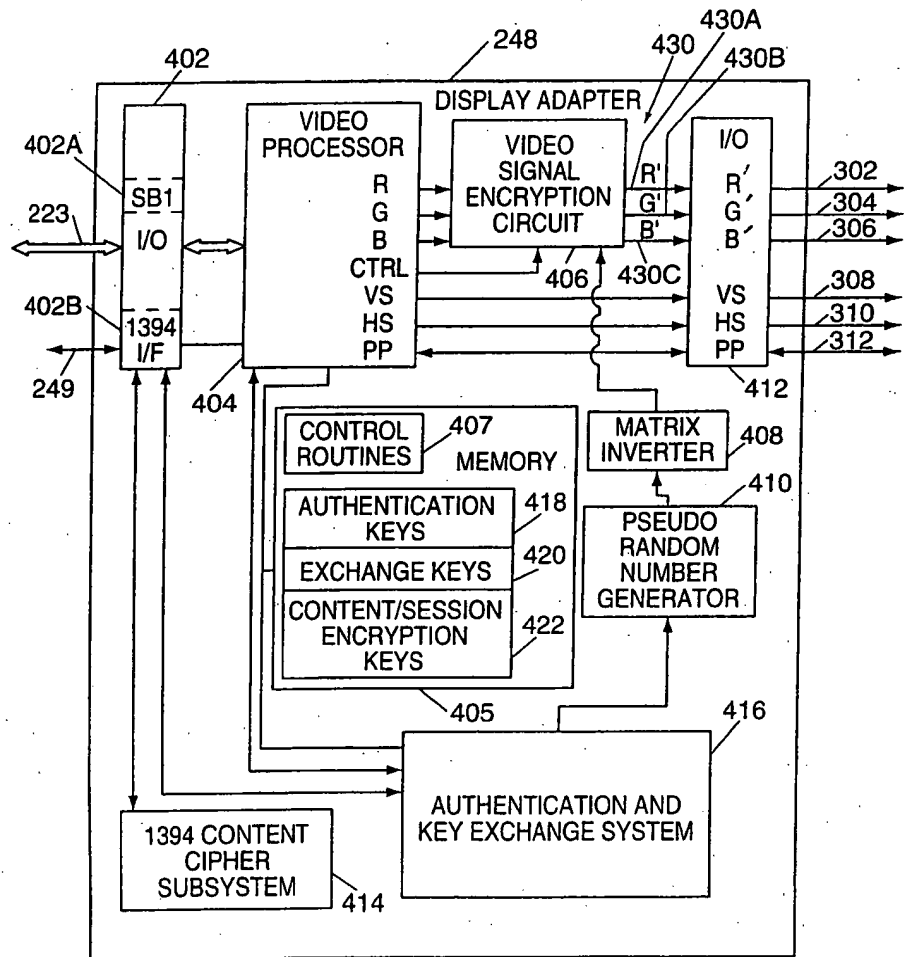


FIG. 5

000000" 5T050050

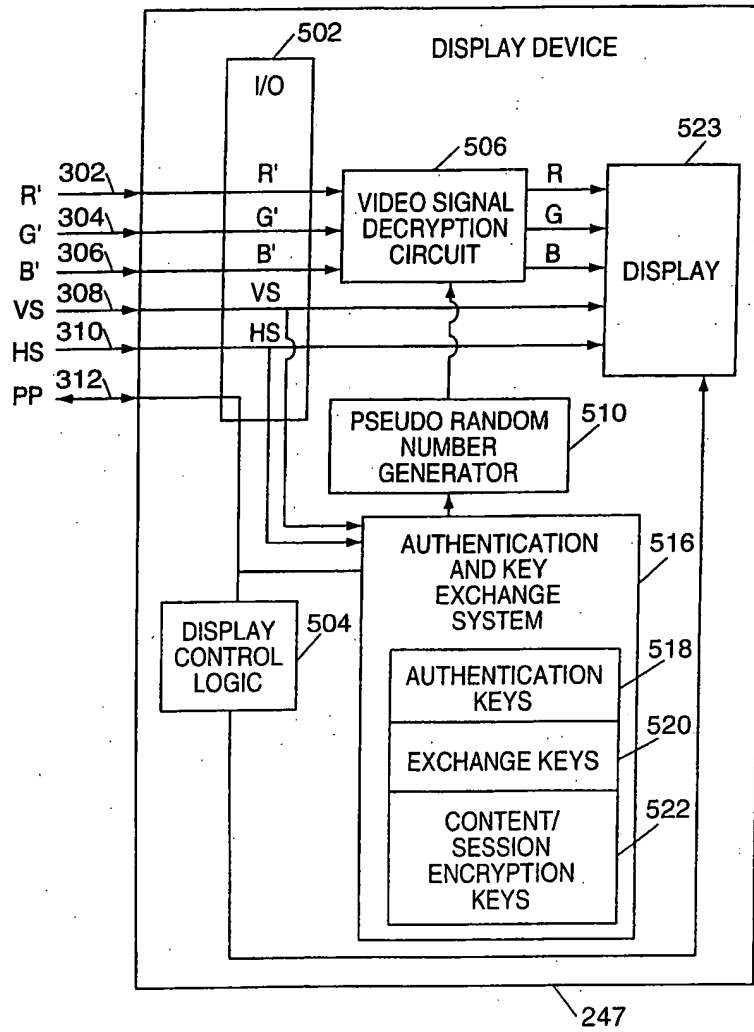


FIG. 6

$$\begin{bmatrix} R' \\ G' \\ B' \end{bmatrix} = \begin{bmatrix} -1 & 0 & 0 \\ 0 & 1 & 0 \\ 0 & 0 & 1 \end{bmatrix} \begin{bmatrix} R \\ G \\ B \end{bmatrix} \quad 602$$

FIG. 7

FIG. 8



[illegible]

FIG. 9

FIG. 10

FIG. 10

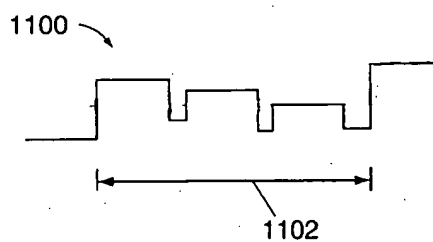


FIG. 11



FIG. 12

# THE UNIVERSITY OF CHICAGO

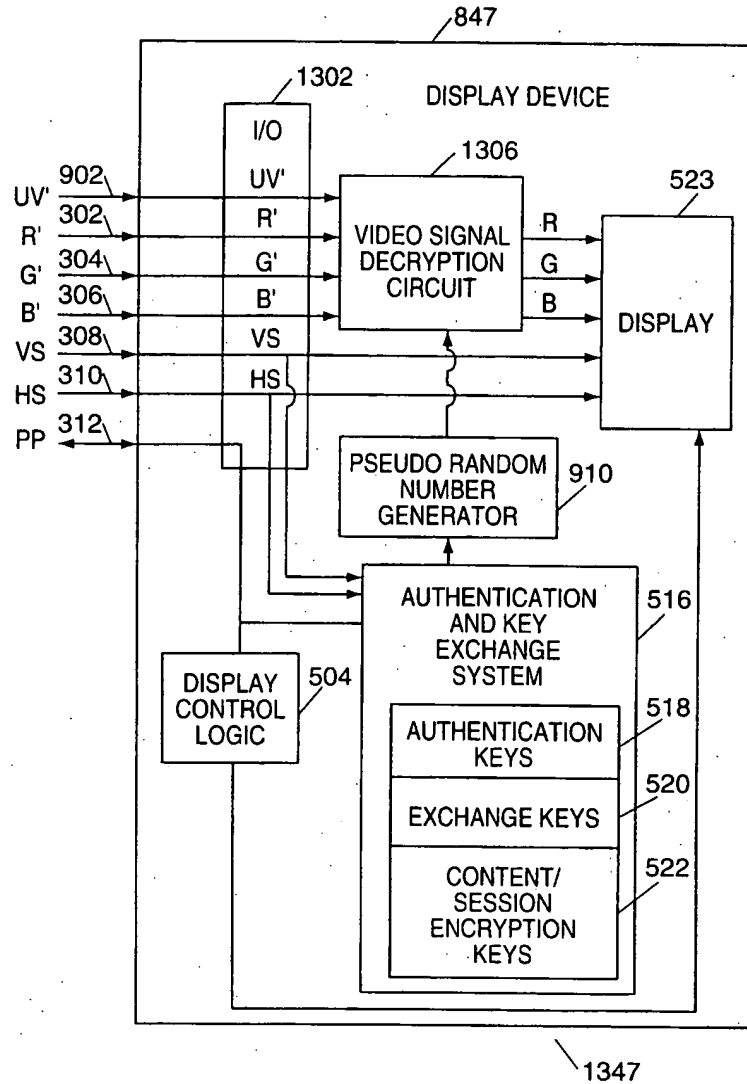
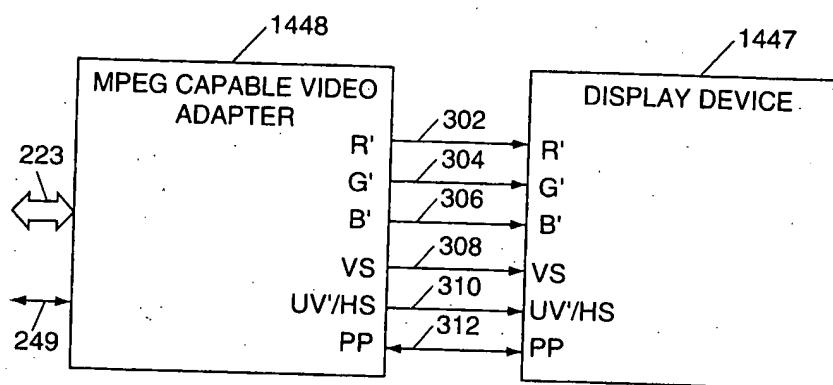


FIG. 13

FIG. 14



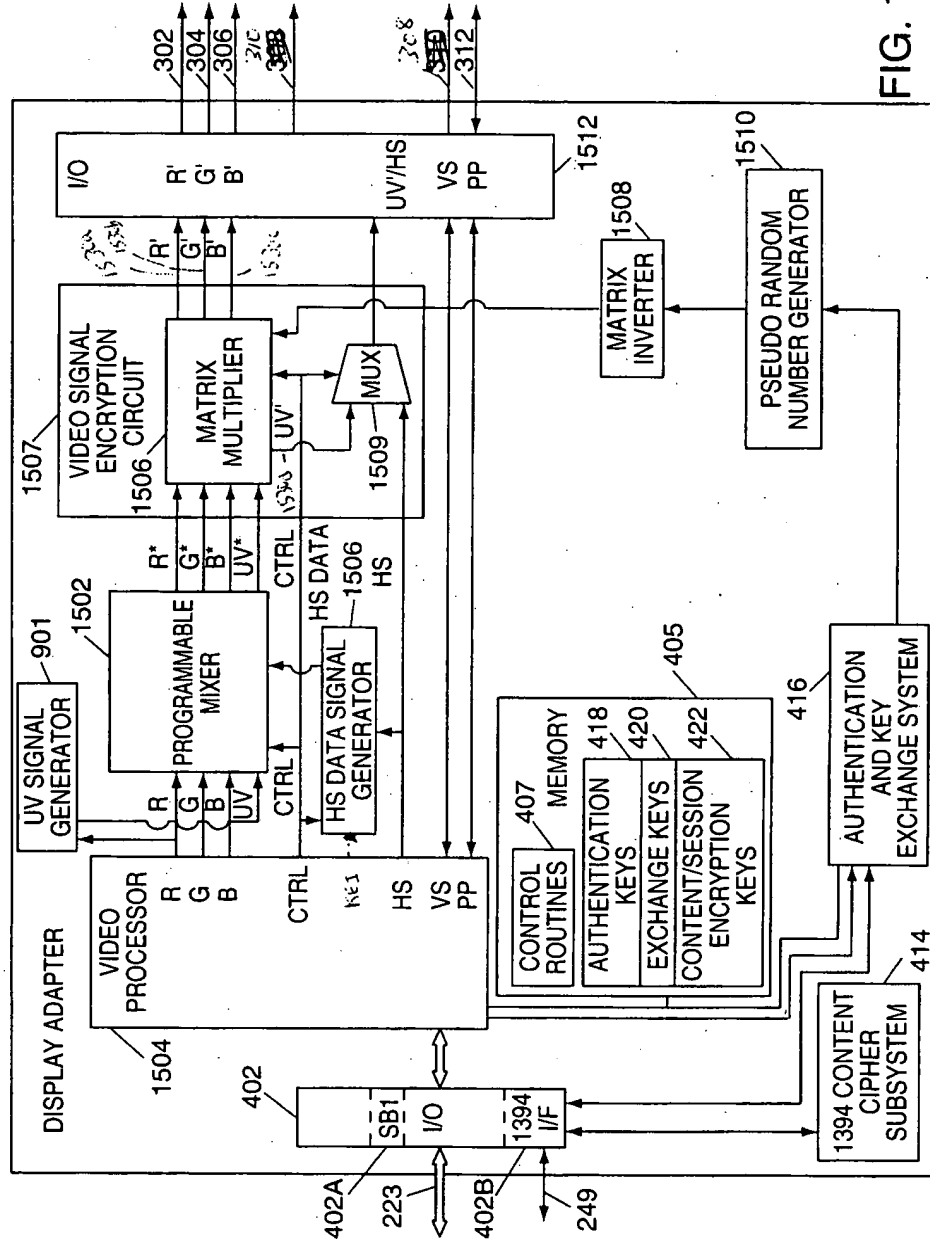


FIG. 15

1. The first part of the document is a list of references. The references are listed in a standard format, with the author's name, the title of the work, and the publisher. The references are as follows:

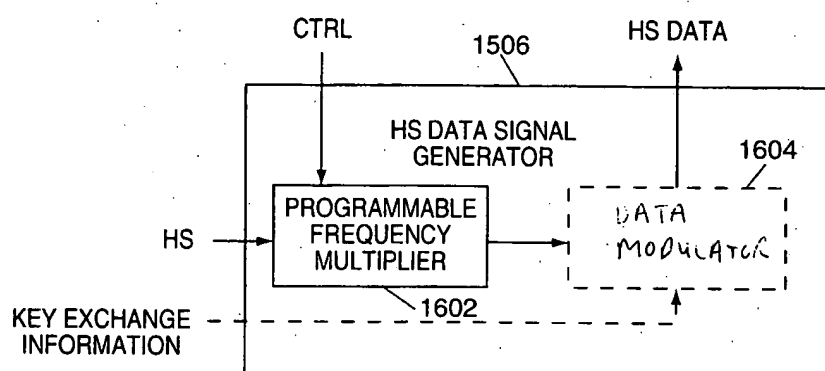


FIG. 16

